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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/804,837	03/19/2004	Werner Schuhmann	NC-001.01	7544
26799	7590	03/09/2006	EXAMINER	
IP LEGAL DEPARTMENT TYCO FIRE & SECURITY SERVICES ONE TOWN CENTER ROAD BOCA RATON, FL 33486			HUNNINGS, TRAVIS R	
			ART UNIT	PAPER NUMBER
			2632	

DATE MAILED: 03/09/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No. 10/804,837	Applicant(s) SCHUHMANN ET AL.	
	Examiner Travis R. Hunnings	Art Unit 2632	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 20 January 2006.
- 2a) ☒ This action is **FINAL**.      2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1,3,4,9,11,12,14,15,20,22,23 and 29-31 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3,4,9,11,12,14,15,20,22,23 and 29-31 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 20 January 2006 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All    b) ☐ Some \*    c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)  | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                   | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)             |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## **DETAILED ACTION**

### ***Claim Rejections - 35 USC § 112***

1. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

2. Claim 23 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

3. Claim 23 recites the limitation "said sockets" in line 6. There is insufficient antecedent basis for this limitation in the claim.

### ***Claim Rejections - 35 USC § 103***

4. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.
5. Claims 1, 3, 4, 9, 11, 12, 14, 15, 20, 22, 23 and 29-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over applicant admitted prior art (AAPA) in view of Lys et al. (Lys; US Patent Application Publication 2001/0028227) and further in view of McDermott (US Patent 5,161,879).

Regarding claim 1, as shown by AAPA in the Background of the Invention, it is well known that in the health care industry, particularly with hospitals and nursing homes, indicator lights are located outside of patient's rooms in order to notify hospital staff that certain conditions exist by multiple dome lights each having separate colors for separate conditions (specification, paragraphs 2 and 3). It is therefore well known in the art to have a nurse call indicator having a housing having plural snap-in sockets, each socket for holding and providing electrical contact to an individually replaceable snap-in 24-volt indicator incandescent bulb.

The claimed at least one snap-in indicator lamp which fits onto one of said sockets which accepts 24 volts said lamp comprising a first set of LEDs having a first color and a first polarity is not similarly disclosed. Lys discloses *Data Delivery Track* that teaches a light module having a platform that supports multiple LEDs and is able to plug into a conventional light bulb, halogen bulb, or other illumination source (paragraph 193). Modifying the well known configuration of a housing with multiple dome lights to use the platform supported LEDs because it would be cheaper using LEDs and they still retain the ease of replacement. Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the device that is well known according to the teachings of Lys to include a PCB with LEDs mounted thereon to replace the dome lights. It would have been obvious to one of ordinary skill in the art that any input voltage would be able to be used, including 24 volts.

However, neither AAPA nor Lys disclose the claimed second set of LEDs having a second color and a second polarity, the second polarity being opposite the first polarity such that when power is applied to the nurse call indicator lamp, only one of the sets of LEDs is turned on according to the polarity of the applied power. McDermott discloses *Flashlight For Covert Applications* that teaches using two sets of different colored LEDs with different polarities so that when the polarity of the applied power is switched, the color of light that is emitted is also switched. Applying the teachings of McDermott to AAPA and Lys to include a second set of LEDs with a different color and polarity would allow the light to display different colors as desired and would give the user more options for use. Therefore it would have been obvious to one of ordinary skill in the art at the time of the invention to modify the device disclosed by AAPA and Lys according to the teachings of McDermott to include a second set of LEDs with a different color and different polarity so that the color of light emitted would depend on the applied power polarity.

Regarding claim 3, examiner takes official notice that the claimed each indicator lamp further comprising a resistor is well known to one of ordinary skill in the art to use resistors to limit the current and voltage delivered to LEDs in order for them to properly operate.

Regarding claim 4, the claimed each set of LEDs comprising plural LEDs that light simultaneously to provide extra brightness is met by the LED array as shown in Lys figure 20.

Regarding claim 9, the claimed printed circuit having mounted thereon electrically conductive rails for electrically connecting the indicator lamp to an incandescent bulb socket in the housing for the purpose of supplying power to said indicator lamp, said rails having protrusions which when inserted into said socket are in electrical contact with said socket is met by the LED array having a platform that can connect to a conventional light bulb, halogen bulb, or other illumination source (paragraph 193). The platform can be arranged in any configuration that would allow it to connect to a standard light fixture.

Regarding claim 11, the claimed lamp comprising a printed circuit board having an opening which fits over any of said socket is met by the LED array having a platform that can connect to a conventional light bulb, halogen bulb, or other illumination source (Lys: paragraph 193).

Regarding claims 12 and 23, the claims are interpreted and rejected as claim 1 stated above.

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Regarding claim 14, the claim is interpreted and rejected as claim 3 stated above.

Regarding claim 15, the claim is interpreted and rejected as claim 4 stated above.

Regarding claim 20, the claim is interpreted and rejected as claim 9 stated above.

Regarding claims 22 and 30, the claims are interpreted and rejected as claim 11 stated above.

Regarding claim 29, the claim is interpreted and rejected as claim 9 stated above.

Regarding claim 31, the claimed polarity of the applied power is responsive to an installed orientation of said indicator lamp is met by the AAPA disclosing the power for indicator lamps being commonly 24v DC which would inherently have a polarity and one of ordinary skill in the art would know that the polarity applied to a circuit attached to the power would depend on the specific orientation.

***Response to Arguments***

6. Applicant's arguments with respect to claims 1, 3, 4, 9, 11, 12, 14, 15, 20, 22, 23 and 29-31 have been considered but are moot in view of the new ground(s) of rejection.

***Conclusion***

7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Travis R. Hunnings whose telephone number is (571) 272-3118. The examiner can normally be reached on 8:00 am - 5:00 pm M-F.

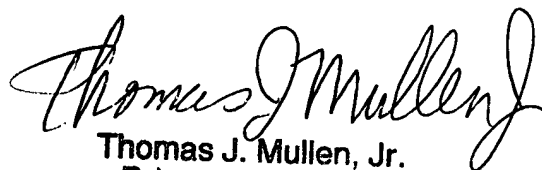


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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Daniel J. Wu can be reached on (571) 272-2964. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

TRH



Thomas J. Mullen, Jr.  
Primary Examiner  
Art Unit 2632

3-6-06